AUTOCAD
LEVEL 2

Duration: 10 Modules/ 20 hours

Prerequisites: Autocad Level 1

Recognized Certification: Yes

Course material: provided

Pedagogical means:
- Distance learning
- Demonstrations

Skills acquired at the end of the training:

- Generate a typical working drawing package
- Generate various kinds of drawings such as plans, elevations, sections and details
- Format a drawing much quicker
- Use various draw and modify commands to increase drawing production
- Add various types of annotative objects such as tags and schedules and legends

DESCRIPTION

AutoCAD Level 1 course provided the student with an introduction to the principles of using computer-assisted drafting and design (CADD) to produce various types of drawings. This Level 2 course will enhance the student's current knowledge in order to produce drawings much more efficiently and effectively.

Several shortcuts to create drawings quicker will be covered. Speed up your work production with this level 2 course. Adding various Annotations such as text and dimensions will also be covered.

PROGRAM

Module 1: Creating a page setup in paper space

- Paper space
- Paper size
- Title blocks
- Viewports

Module 2: Creating and using blocks/ attributes

- Creating and using blocks
- What is a block
- Creating a block
- Inserting a block
- Block libraries
- Creating and using Attributes
- What is an attribute
- Creating an attribute

Module 3: Adding annotations

- Adding Text
- Text styles (annotative)
- Annotation scale
- Single line text
- Adding Dimensions
- Dimension styles (annotative)
- Adding Dimensions

Module 4: Adding More Annotations

- Paper space
- Adding More Annotations
- Multi leaders
- Hatch
- Attributes
- Fields
- Tool Palette

Module 5: Adding tables

- Creating Schedules
- In AutoCAD
- From Excel
- Data extraction

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FORMATION CAD

Module 6: Using External References/ images

- External References (xref)
- AutoCAD Files
- Images
- Excel Files (review)
- Etransmit

Module 7: Using Design Center

- Design Centre
- Template Files
- Source Files

Module 8: Understanding the UCS

- Controlling the X,Y axis

Module 9 & 10: Final Review Exercise

- Mechanical Assembly Drawings

QUESTIONS & ANSWERS